

FIG. 1

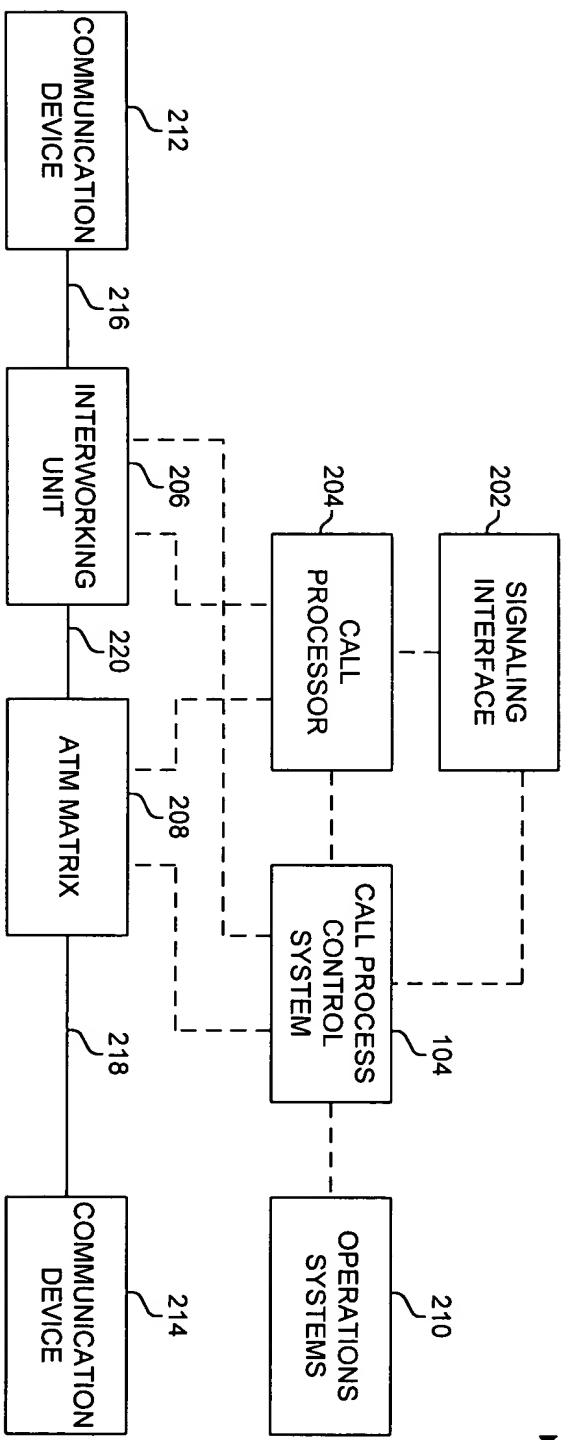
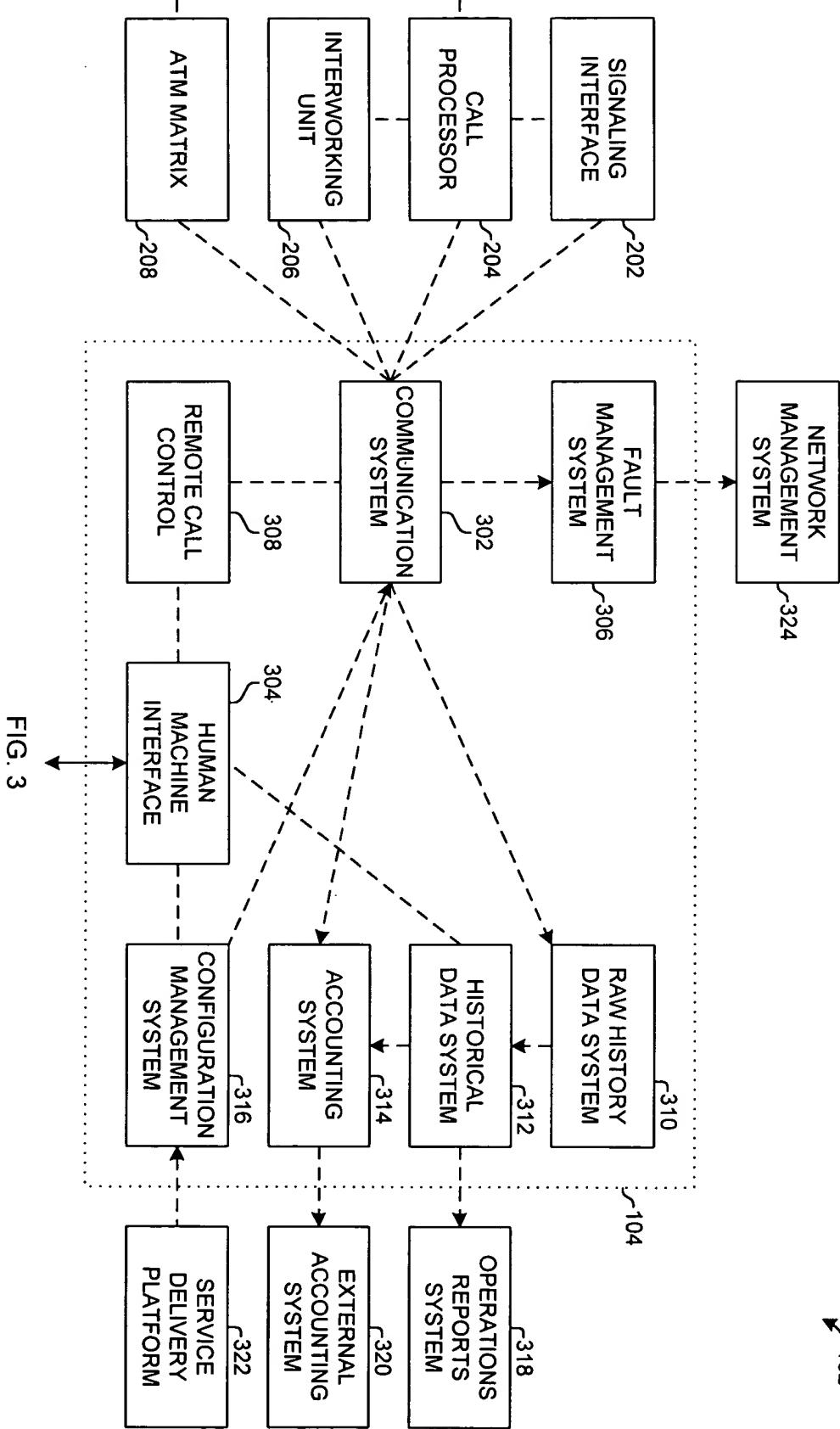


FIG. 2



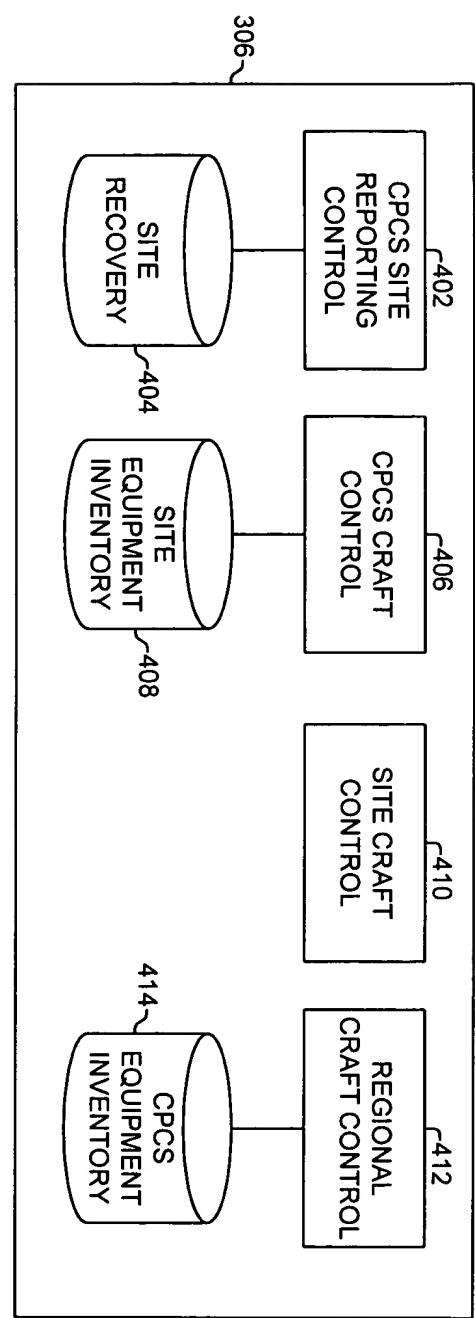


FIG. 4

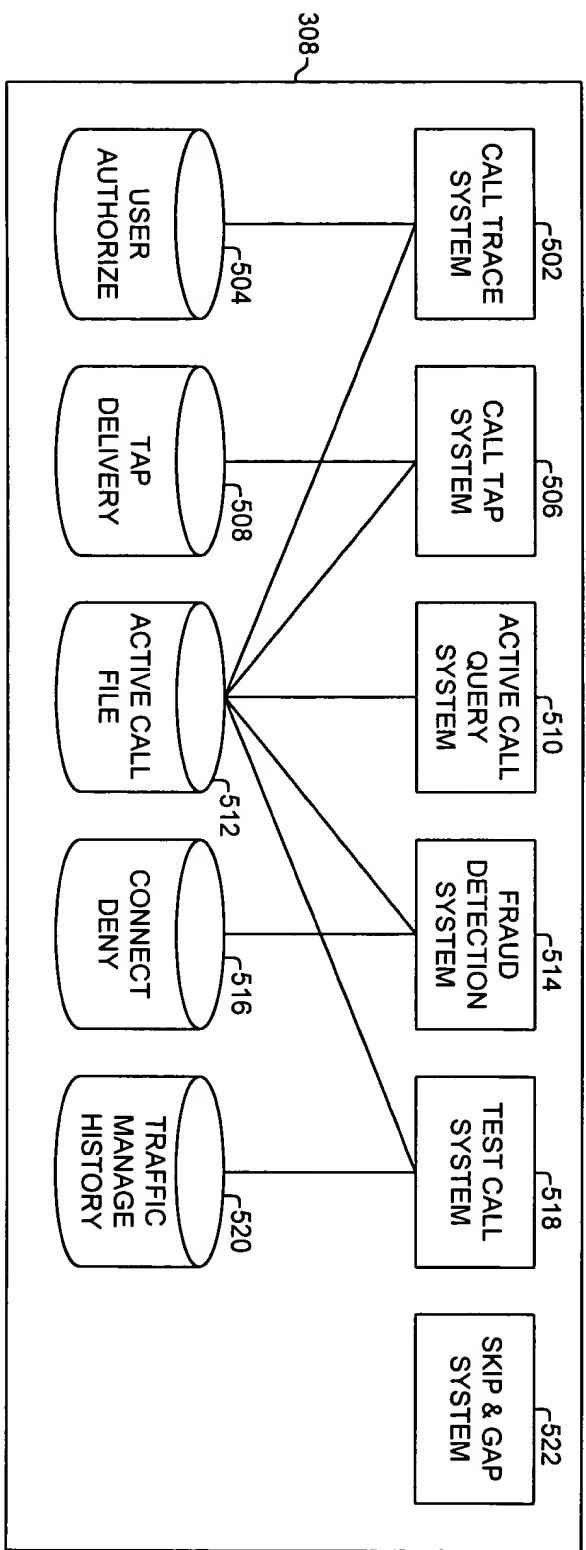


FIG. 5

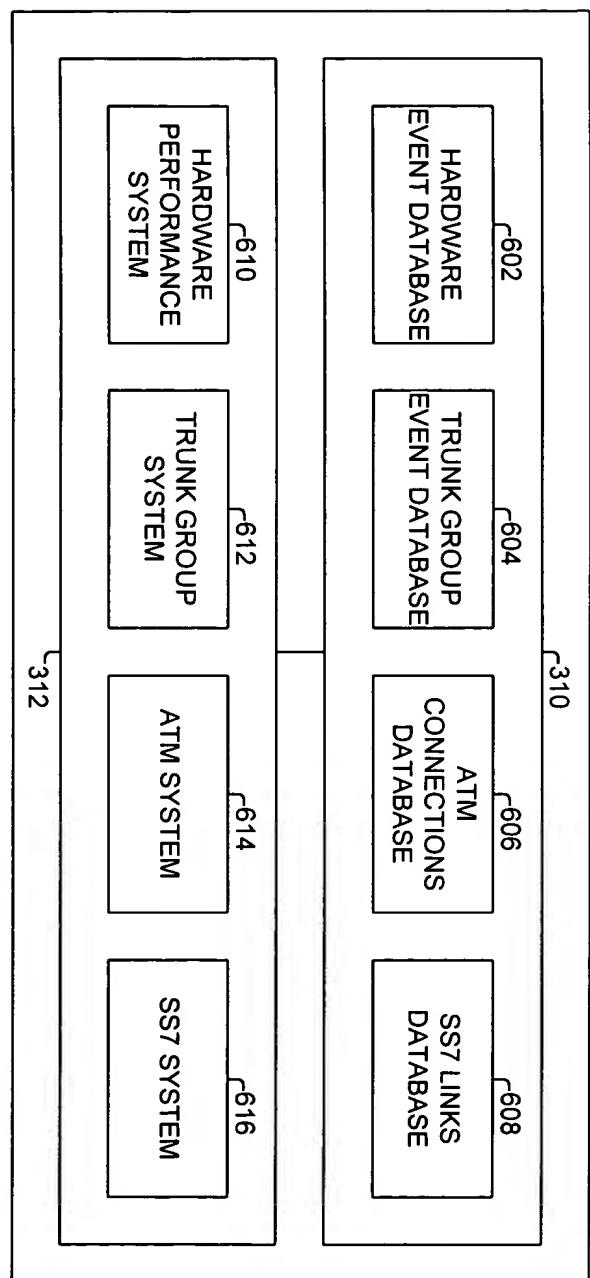


FIG. 6

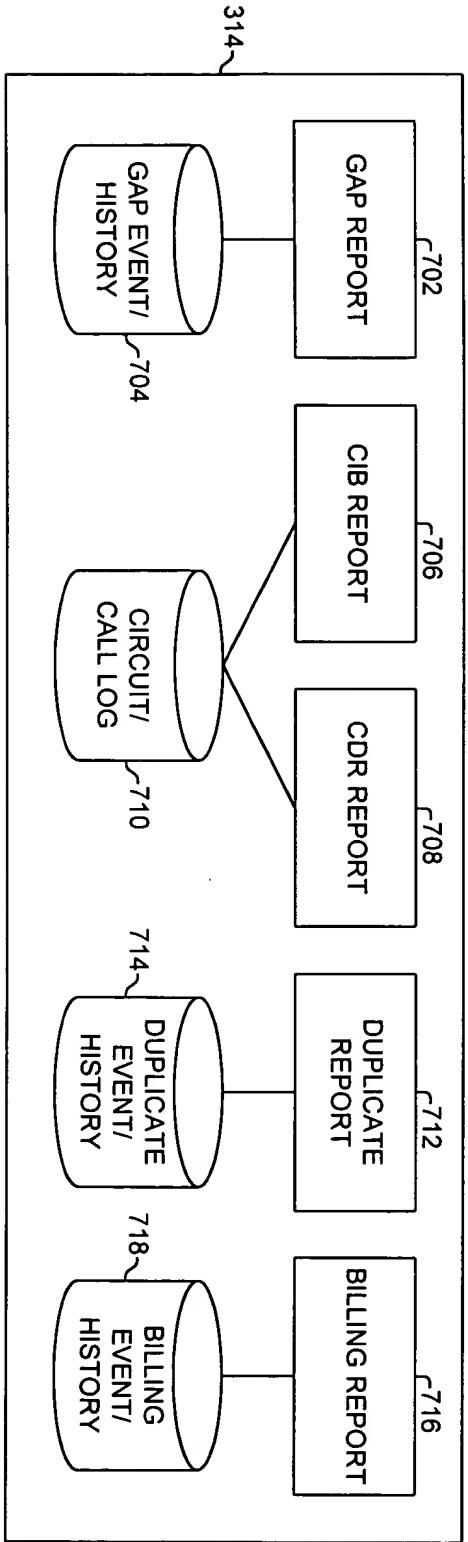


FIG. 7

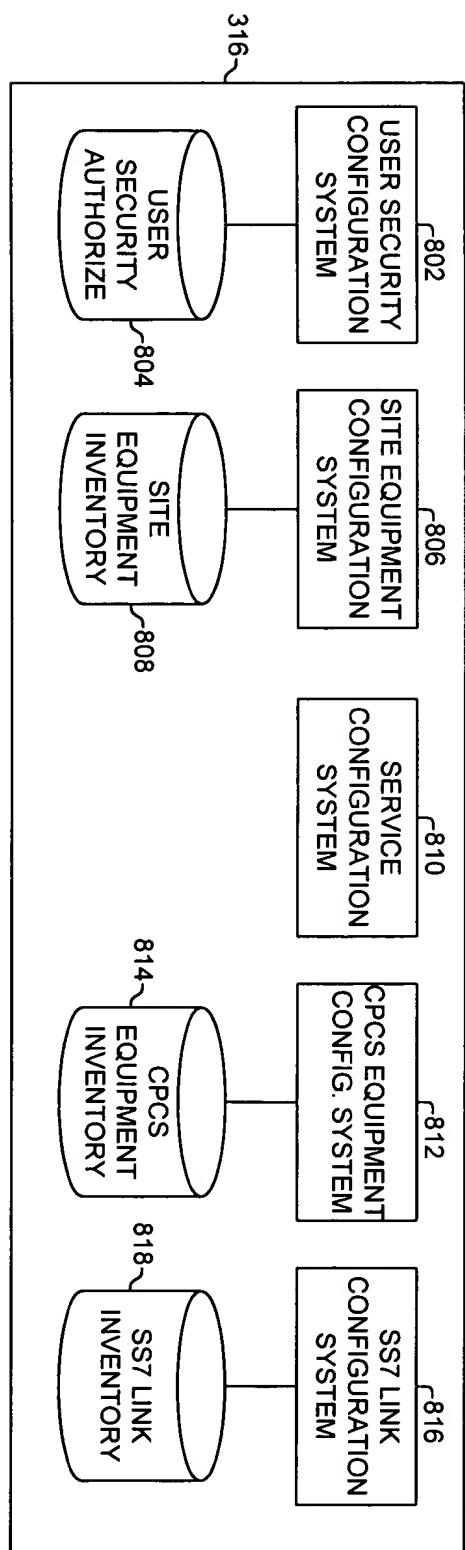
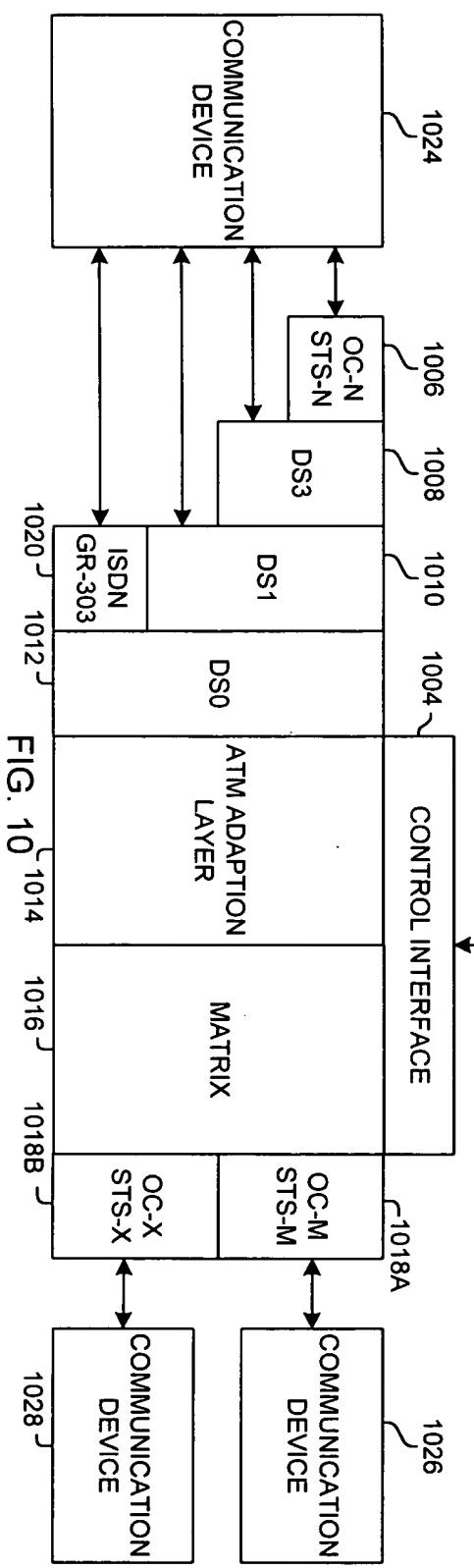
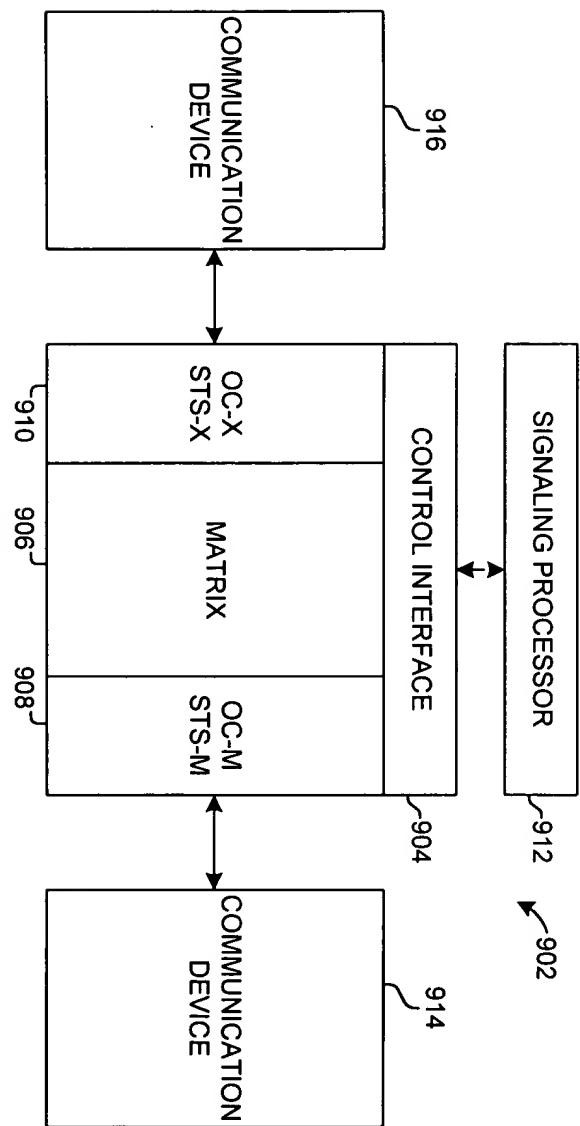
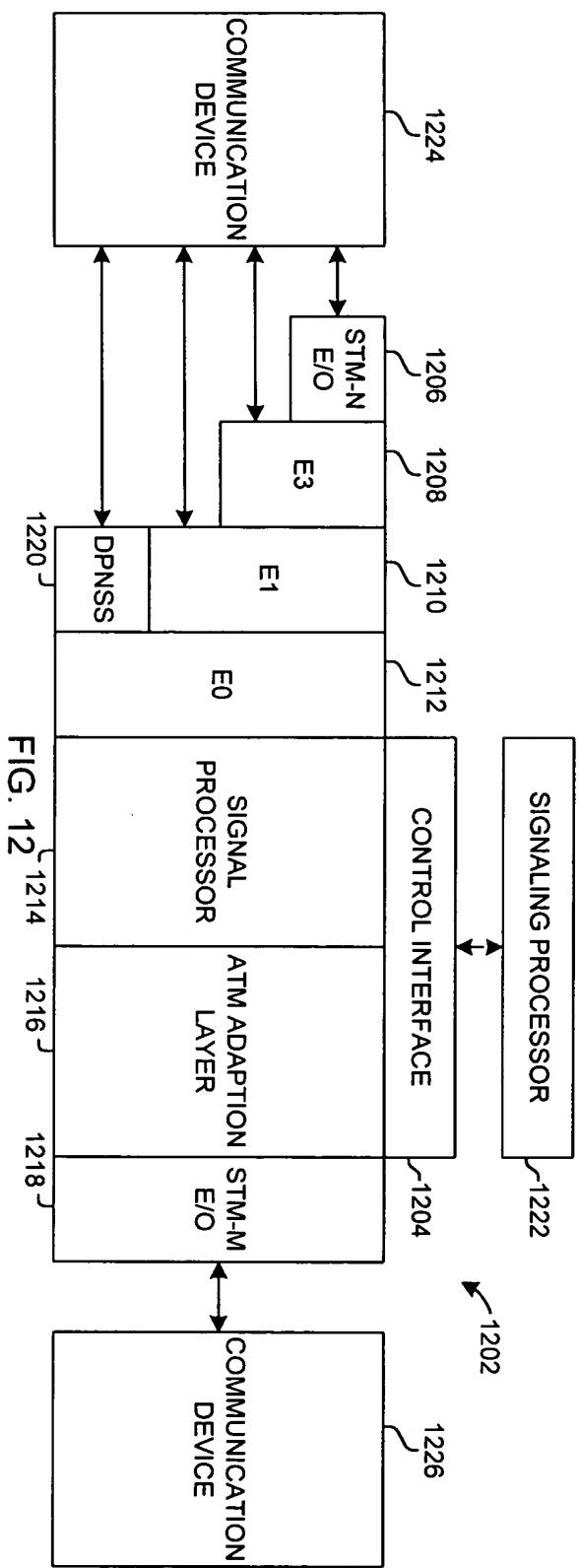
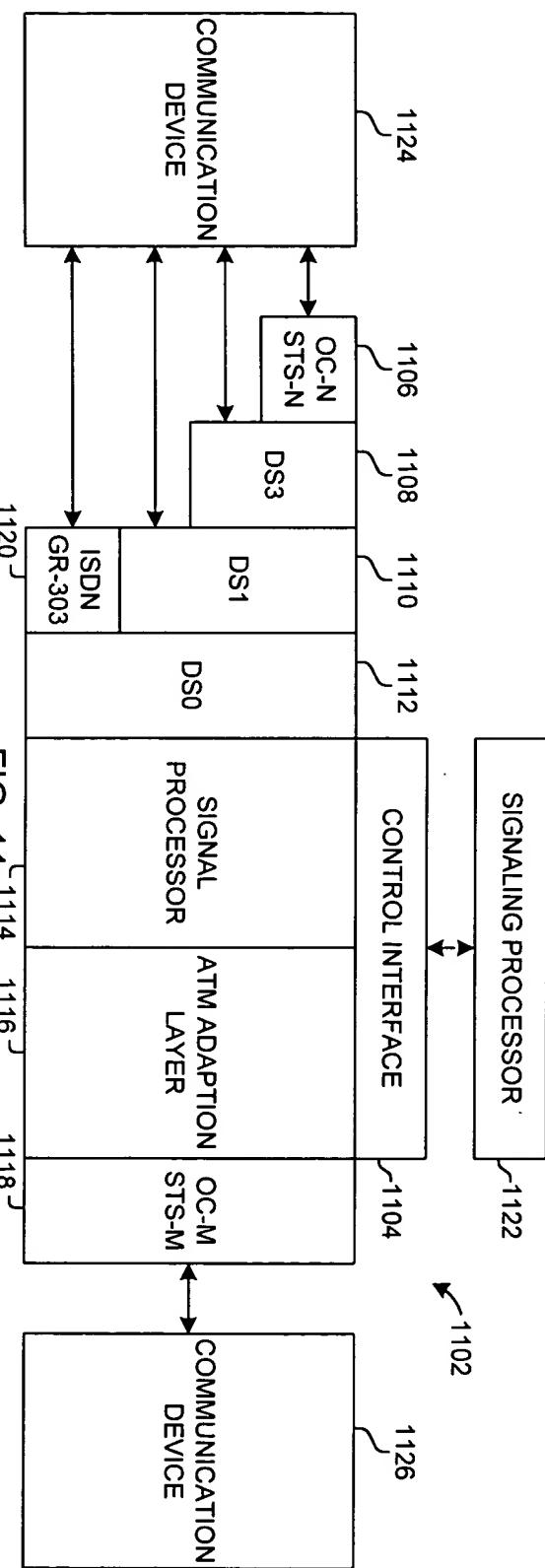


FIG. 8





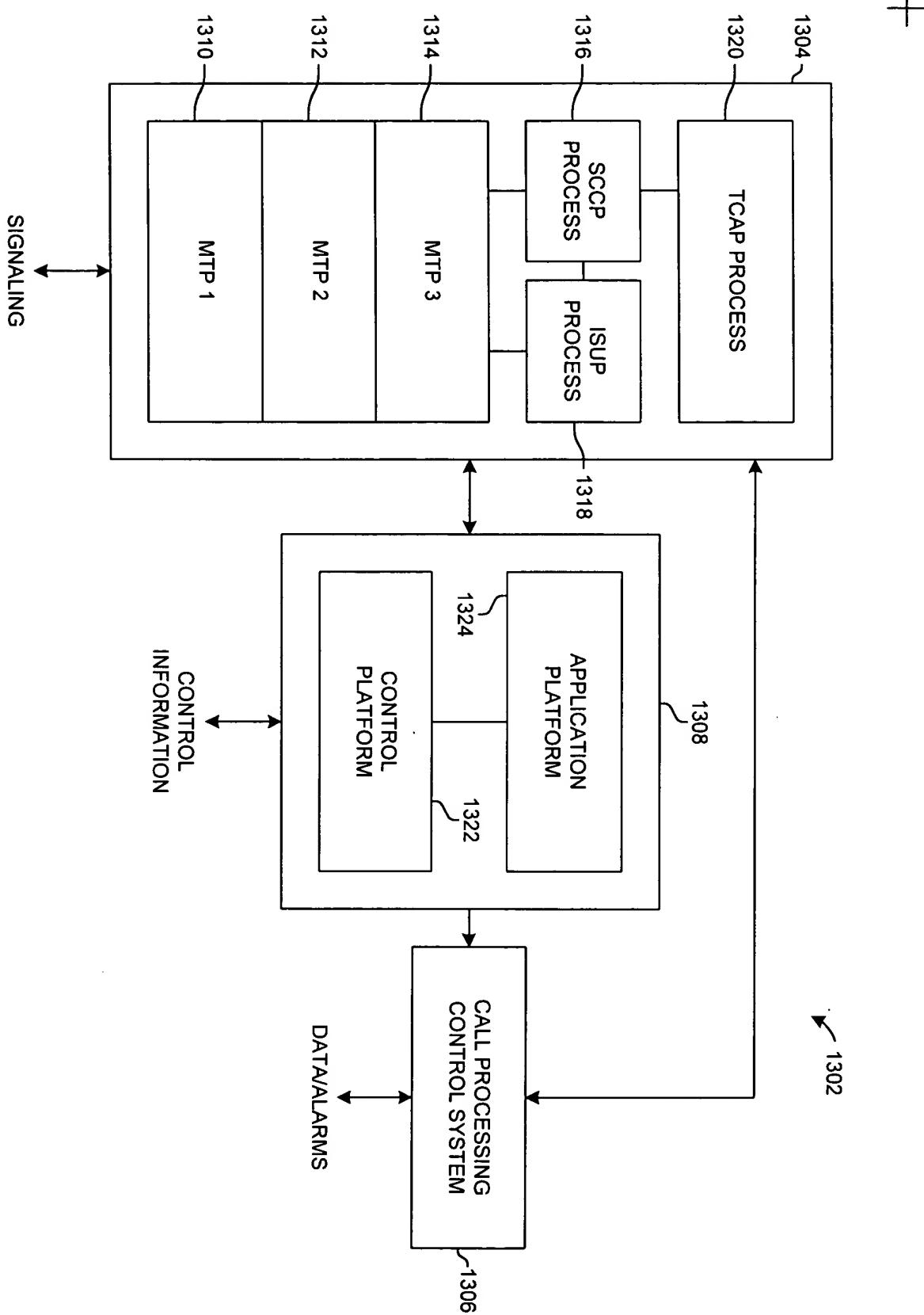


FIG. 13

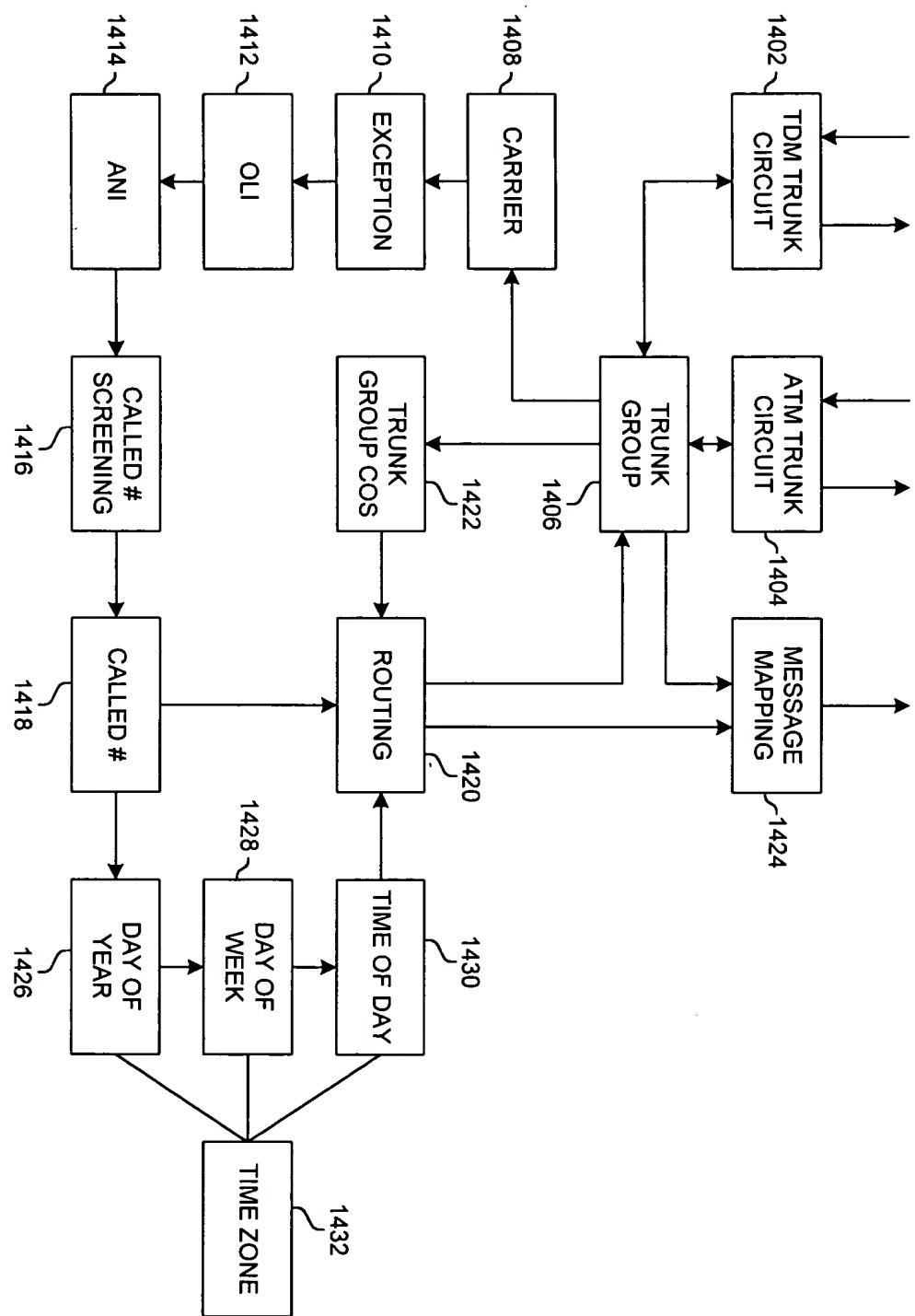


FIG. 14

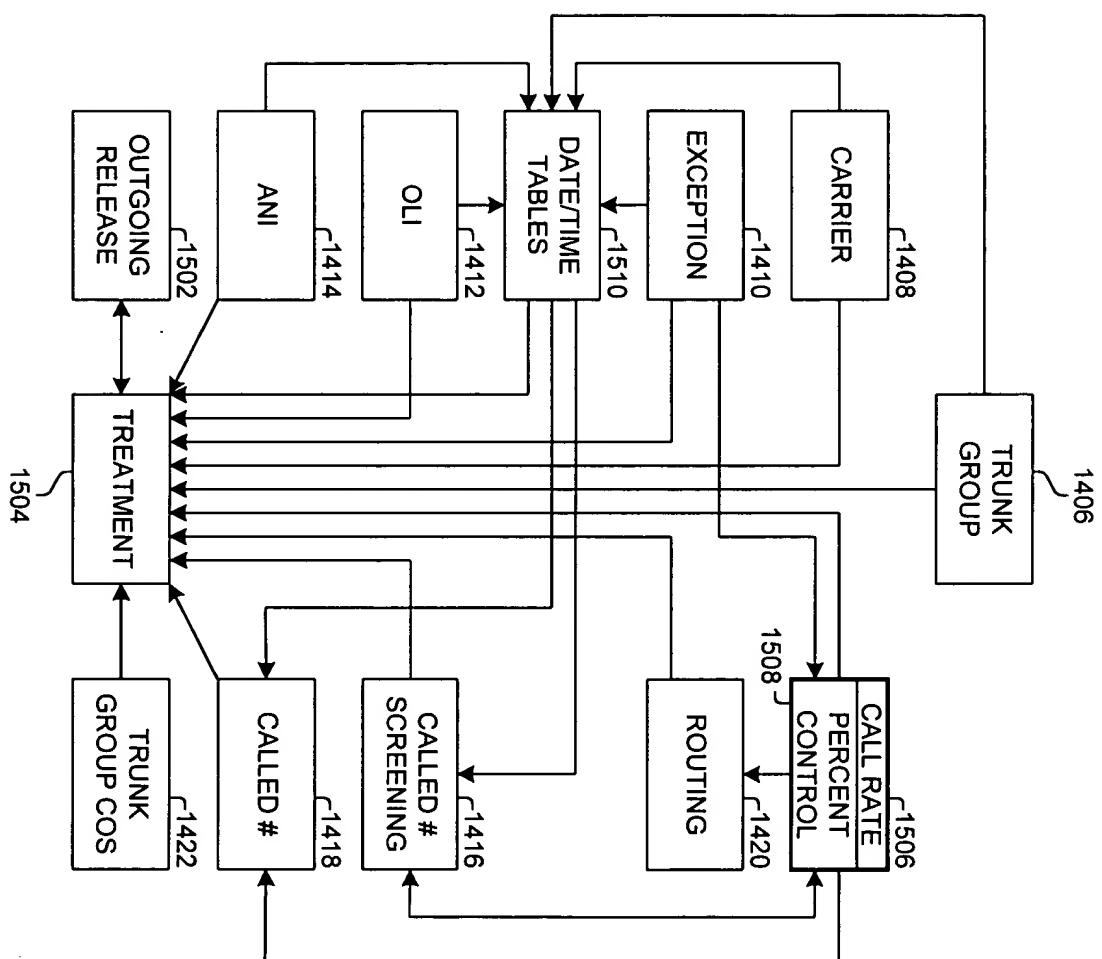


FIG. 15

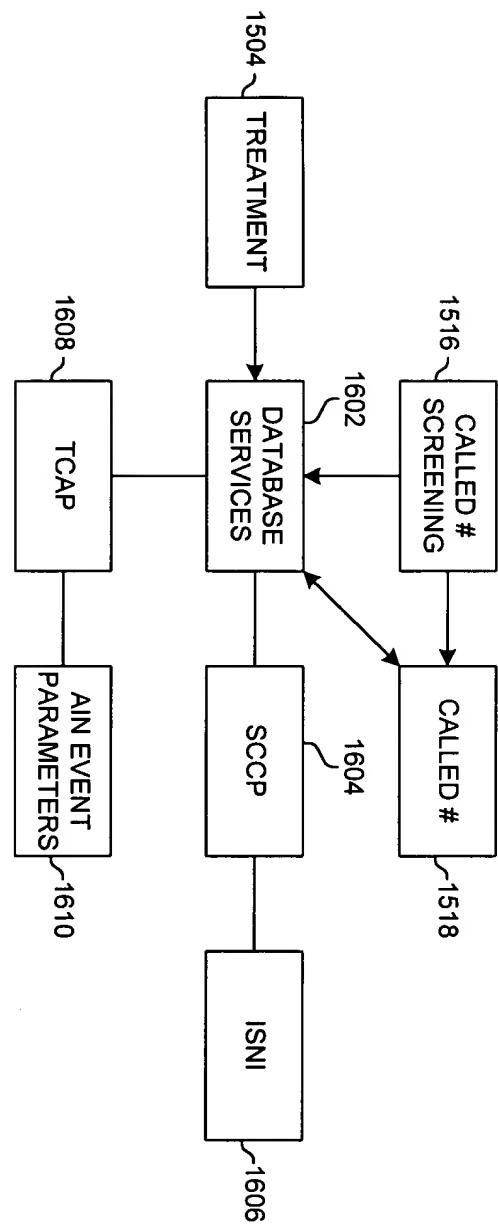


FIG. 16

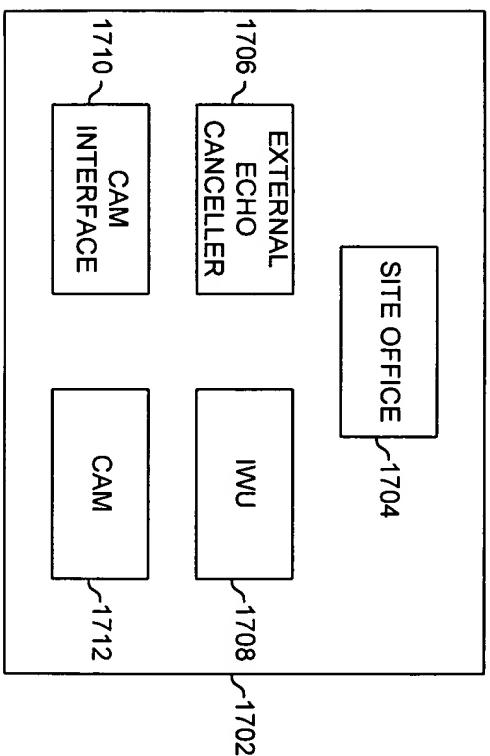


FIG. 17

TRUNK GROUP NUMBER	GROUP MEMBER	T/C/C	T/C/C	LABEL	TWU	LABEL	TWU	PORT	DS1/NET	LABEL	DS1/E1	CHANNEL	INITIAL STATE

FIG. 18

TRUNK GROUP NUMBER	GROUP SIZE	STARTING CIC	TRANSMIT INTERFACE	TRANSMIT LABEL	RECEIVE VP	RECEIVE INTERFACE LABEL	INITIAL STATE

FIG. 19

SATELLITE	SELECT SEQUENCE	IWU PRIORITY	GLARE RESOLUTION	CONTINUITY CONTROL	REATTEMPTS	IGNORE TNP INFORMATION	TREATMENT LABEL	MESSAGE MAPPING LABEL

FIG. 20A

QUEUE	RING NO ANSWER	VOICE PATH CUT THROUGH	ORIGINATING COS LABEL	TERMINATING COS LABEL	CALL CONTROL	NEXT FUNCTION	NEXT LABEL

FIG. 20B

FIG. 20C

CARRIER LABEL	CARRIER ID	CARRIER SELECTION	NEXT FUNCTION	NEXT LABEL

FIG. 21

EXCEPTION LABEL	CALLING PARTY'S CATEGORY	CALLED NUMBER NATURE OF ADDRESS	DIGITS FROM	DIGITS TO	NEXT FUNCTION	NEXT LABEL

FIG. 22

OLT LABEL	ORIGINATION LINE INFORMATION	NEXT FUNCTION	NEXT LABEL

FIG. 23

ANI LABEL	CHARGE CALLING PARTY NUMBER DIGITS FROM	TIME ZONE LABEL	CUSTOMER INFORMATION	EC INFORMATION	QUEUE TREATMENT LABEL	NEXT FUNCTION	NEXT LABEL

FIG. 24

CALLED NUMBER SCREENING LABEL	CALLED NUMBER NATURE OF ADDRESS	DIGITS FROM	DIGITS TO	DELETE DIGITS	NEXT FUNCTION	NEXT LABEL

FIG. 25

CALLED NUMBER LABEL	CALLED NUMBER	NEXT FUNCTION	NEXT LABEL

FIG. 26

DAY OF YEAR LABEL	DATE	NEXT FUNCTION	NEXT LABEL

FIG. 27

DAY OF WEEK	DAY FROM	DAY TO	NEXT FUNCTION	NEXT LABEL

FIG. 28

TIME OF DAY LABEL	TIME FROM	TIME TO	NEXT FUNCTION	NEXT LABEL

FIG. 29

TIME ZONE LABEL	UTC OFFSET	DAYLIGHT SAVINGS

FIG. 30

ROUTING LABEL	ROUTE NUMBER	NEXT FUNCTION	NEXT LABEL	SIGNAL ROUTE LABEL

FIG. 31

ORIGINATING TRUNK COS LABEL	TERMINATING TRUNK COS LABEL	NEXT FUNCTION	NEXT LABEL

FIG. 32

OUTGOING RELEASE LABEL	LOCATION	OUTGOING CAUSE VALUE CODING STANDARD	CAUSE VALUE

FIG. 33

PERCENT LABEL	CONTROL PERCENTAGE	CONTROL NEXT FUNCTION	PASSED NEXT FUNCTION	NEXT LABEL

FIG. 34

FIG. 35

CALL RATE	CALL RATE	CONTROL	PASSED
LABEL		NEXT FUNCTION	NEXT LABEL

FIG. 36

DATABASE SERVICES	SERVICE TYPE	SCCP LABEL	TCAP LABEL	NEXT FUNCTION	NEXT LABEL
LABEL					

FIG. 37

ISNI TYPE	ROUTE INDICATOR	ISNI	MESSAGE HANDLING	HOP COUNTER	SEGMENTATION
			MARK INDICATOR		LABEL

FIG. 38A

CALLED PARTY ADDRESS						
SSN	POINT CODE	GLOBAL TITLE INDICATOR	ROUTING INDICATOR	NATIONAL/INTERNATIONAL	SUB SYSTEM NUMBER	POINT CODE
						TRANSLATION TYPE
						ENCODE SCHEME

FIG. 38B

FIG. 38C

CALLING PARTY ADDRESS			GLOBAL TITLE							
SSN	POINT CODE	GLOBAL TITLE INDICATOR	ROUTING INDICATOR	NATIONAL/ INTERNATIONAL	SUB SYSTEM NUMBER	POINT CODE	TRANSLATION/ ENCODE TYPE	NUMBER SCHEME	ADDRESS PLAN	TYPE

FIG. 38D

ISN'T LABEL	NETWORK 1	NETWORK 2	NETWORK 3	NETWORK . . .	NETWORK 16

FIG. 39

TCAP LABEL	TCAP TYPE	TAG CLASS	PACKAGE TYPE	COMPONENT TYPE	MESSAGE TYPE

FIG. 40

ECHO CANCELLER LABEL	ECHO CANCELLER TYPE	RS-232 ADDRESS	MODULE

FIG. 41

IWUTLABEL	IWUID	IP SOCKET 1	IP SOCKET 2	IP SOCKET 3	IP SOCKET 4

FIG. 42

CAMINTERFACE LABEL	CAM LABEL	LOGICAL INTERFACE

FIG. 43

CAM LABEL	CAM TYPE	CAM ADDRESS

FIG. 44

OFFICE CLLI NAME	SITE NODE ID	ORIGINATION ID	SOFTWARE ID	CALL PROCESSOR ID

FIG. 45A

ACC ENABLED	ACL 1 ONSET	ACL 1 ABATE	ACL 2 ONSET	ACL 2 ABATE	ACL 3 ONSET	ACL 3 ABATE

FIG. 45B

MAX TRUNKS	OHQ TQ1	OHQ TQ2	RING NO ANSWER TIMER	BILLING ACTIVE	NWM ALLOW	BILLING FAILURE FREE CALL

FIG. 45C

MAX HOP COUNTS	MAX TABLE LOOKUPS

FIG. 45D

AIN EVENT PARAMETERS LABEL	MESSAGE NAME #1	MESSAGE NAME #....	MESSAGE NAME #N
ACCESS CODE			
ACG ENCOUNTERED			
ALTERNATE BILLING INDICATOR			
ALTERNATE TRUNK GROUP			
AMA ALTERNATE BILLING NUMBER			
AMA BUSINESS CUSTOMER ID			
AMA DIGITS DIALED WC			
AMA LINE NUMBER			
AMA SLPID			
AMP			
ANSWER INDICATOR			
BEARER CAPABILITY			
BUSY CAUSE			
CALLED PARTY ID			
CALLED PARTY STATION TYPE			
CALLING PARTY BGID			
CARRIER			
CHARGE NUMBER			
CHARGE PARTY STATION TYPE			
CLEAR CAUSE			
COLLECTED ADDRESS INFORMATION			
COLLECTED DIGITS			
CONTROLLING LEG TREATMENT			
DISCONNECT FLAG			
DISPLAY TEXT			
FACILITY GID (TRUNK GROUP ID)			
FACILITY GID (PRIVATE FACILITY GID)			
FACILITY GID (ROUTE INDEX)			
FACILITY MEMBER ID			
FAILURE CAUSE			
GENERIC NAME			
ISDN INTERFACE ID			
LATA			
ORIGINAL CALLED PARTY ID			
OUTPULSE NUMBER			
OVERFLOW BILLING NUMBER			
PASSIVE LEG TREATMENT			
PRIMARY BILLING INDICATOR			
PRIMARY CARRIER			
PRIMARY TRUNK GROUP			
REDIRECTING PARTY ID			
REDIRECTION INFORMATION			
RESOURCE TYPE			
SECOND ALTERNATE BILLING INDICATOR			
SECOND ALTERNATE CARRIER			
SECOND ALTERNATE TRUNK GROUP			
SPID			
STR PARAMETER BLOCK			

FIG. 46A

AIN EVENT PARAMETERS LABEL	MESSAGE NAME #1	MESSAGE NAME #....	MESSAGE NAME #N
TCM			
TRIGGER CRITERIA TYPE			
USER ID			
VERTICAL SERVICE CODE			
APPLICATION ERROR STRING			
ERROR CAUSE			
FAILED MESSAGE			
CONNECT TIME			
CONTROL CAUSE INDICATOR			
ECHO DATA			
FACILITY STATUS			
GAP DURATION			
GAP INTERVAL (NATIONAL GAP INTERVAL)			
GAP INTERVAL (PRIVATE GAP INTERVAL)			
GLOBAL TITLE VALUE			
MONITOR TIME			
STATUS CAUSE			
TERMINATION INDICATOR			
TRANSLATION TYPE			
TRIGGER CRITERIA FLAG			

FIG. 46B

MESSAGE TYPE	PARAMETERS	INDEX #1	INDEX #...	INDEX #N
ADDRESS COMPLETE	BACKWARD CALL INDICATOR			
	ACCESS TRANSPORT			
	CAUSE INDICATOR			
	PRIVATE OPTIONAL			
ANSWER	ACCESS TRANSPORT			
	BACKWARD CALL INDICATOR			
	PRIVATE OPTIONAL			
CALL PROGRESS	NOTIFICATION			
	BACKWARD CALL INDICATOR			
	ACCESS TRANSPORT			
	CAUSE INDICATOR			
	BACKWARD CALL INDICATOR			
CIRCUIT VALIDATION	CIRCUIT ID NAME			
RESPONSE MESSAGE				
	CLLI CODE			
CONTINUITY	CONTINUITY INDICATOR			
EXIT	DISPOSITION			
	TRUNK GROUP NUMBER			
	SEND BACK EXIT MESSAGE			
INITIAL ADDRESS	FORWARD CALL INDICATOR			
	CALLING PARTY'S CATEGORY			
	GENERIC ADDRESS PARAMETER (LNP)			
	CALLED PARTY NUMBER			
	CALLING PARTY NUMBER			
	GENERIC DIGITS			
	CHARGE NUMBER			
	ORIGINATING LINE INFORMATION			
	TRANSIT NETWORK SELECTION			
	CARRIER SELECTION INFORMATION			
	ORIGINATING LINE INFORMATION			
	SERVICE CODE			
	CARRIER IDENTIFICATION			
	ORIGINAL CALLED NUMBER			
	REDIRECTING NUMBER			
	REDIRECTION INFORMATION			
	GENERIC ADDRESS (NON-LNP)			
	ACCESS TRANSPORT			
	HOP COUNTER			
	JURISDICTION INFORMATION			
RELEASE	ACCESS TRANSPORT			
	AUTOMATIC CONGESTION CONTROL			

FIG. 47